

Amendments to the Claims

Claims 1-13 (Canceled)

~~/~~Claim 14 (Currently amended): A method to screen a plant extract for compounds that bind selectively to a target which method comprises:

- (a) fractionating a crude plant extract using chromatography to obtain fractions;
- (b) coating each said fraction individually on a solid support to produce a solid support coated with each said individual fraction, each fraction being coated at a different location on the support;
- (c) contacting ^{each} said coated solid support with a labeled target to obtain a complex of labeled target and any compound in a fraction that binds said target;
- (d) washing said coated support after step (c) to remove any labeled target not bound to a compound;
- (e) detecting any complex of labeled target and compound that binds to said target at said location.

Claim 15 (Original): The method of claim 14, which further comprises the step of recovering said compound from the complex.

~~/~~Claim 16 (Original): The method of claim 14, wherein the plant extract is from an herb.

Claim 17 (Original): The method of claim 14, wherein the target is a protein.

Claim 18 (Original): The method of claim 17, wherein the protein is a glycoprotein.

Claim 19 (Original): The method of claim 14, wherein the label is biotin.

Claim 20 (Original): The method of claim 14, wherein the solid support is a plastic plate.

Claims 21-24 (Canceled)

~~/~~Claim 25 (Original): A kit for screening fractions of a plant extract for biologically active compounds which comprises:

- (a) a crude plant extract;
- (b) a gridded solid support for receiving said fractions;
- (c) a labeled target for forming a complex with any fraction containing a biologically active compound;
- (d) a washing buffer for removing unbound labeled target; and
- (e) a reagent for detecting label.

Claim 26 (Original): The kit of claim 25 wherein the solid support is a plastic plate.

Claim 27 (Original): The kit of claim 25, wherein the label is biotin.

Claim 28 (Original): The kit of claim 25, wherein the target is a platelet membrane receptor protein.

Claim 29 (Original): The kit of claim 25, within the crude extract is from an herb.

Claim 30 (Original): The method of claim 16, wherein the herb is *Carthamus tinctorius*.

Claim 31 (Original): The method of claim 30, wherein said compound has a molecular weight of 268 gm/mol., is self-polymerizable, exhibits inhibition activity in platelet aggregation, and exhibits *in vivo* anti-thrombotic activity.
